Vendor Hyperlocal Marketplace Add-On

by CedCommerce Products Documentation
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1. Overview

HYPERLOCAL SYSTEM ADDON

USER GUIDE

CedCommerce Inc.

This document will explain the feature and functionality of VENDOR HYPERLOCAL SYSTEM ADDON by CedCommerce for your Magento® Store.

Magento® Editions Compatibility

Community – 2.0.x, 2.1.x, 2.2.x

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Note:
This Module is Dependent on Multivendor Marketplace System By CedCommerce Inc.

2. Product Description

Vendor Hyperlocal Add-on help to connect the Local store owner (Vendor), customer and Admin to an e-commerce platform where the customer can enhance the online shopping experience for a local market. The shop owner can add the delivery location that they serve for the product sold. The customer can either enter their location (PINCODE) and then search the product that they required and is delivered to their location. Even the local shop owner can set there Delivery / Shipping charges that they require.

3. Outstanding Features of Addon

For Customer:
• Through Geolocation, it will fetch the customer current location and filter products everywhere in the site with the selected location/zip code (based on the configuration).
• If a customer wants to change the location he can change from the frontend.
• A customer can not add products to the cart until he doesn’t select any location.
• Validation at checkout that the products added in the cart are available for the selected shipping or billing address.

For Admin

• Admin can add multiple ship areas and zip codes using .csv (File Type) for the respective ship area.
• Admin needs to enter the map API key for geolocation and Google autocomplete location.
• Admin can set the Filter type from the configuration. There are three types of the filter defined at admin panel:
  ◦ Filter products by City, Country, and State (customer can buy products which are available to deliver in his city, state, and country)
  ◦ Filter products by Zipcode (customer can buy products which are available to deliver in the customer’s zip code)
  ◦ Filter products by Distance – Admin can define the filter range and can select the unit (km or miles)
• Admin can also define the popup title, which is displayed to the customer at frontend to enter the location or zip code.

For Vendor

• A vendor can add multiple ship areas and multiple zip codes using csv (File Type) for shipping.
• A vendor can also manage the zip codes for the ship area, can add a single zip code, can delete/edit zipcode for the ship area.
• A vendor can edit/delete the ship Location.
• At the time of vendor registration, through geolocation it will fetch the current location of the vendor and autofill the field, latitude, and longitude fields and if a vendor wants he/she can change the location by Google autocomplete location in the registration page.
• A vendor can also select the multiple ship areas for each product (if admin selects Filter location – Product location in the configuration).

BENEFIT:

• 100% open source
• Easy Installation and Extension Configuration Process
• User-friendly interface

4. General Configuration

After the complete installation of Multivendor System and Vendor Hyperlocal Addon, an admin needs to configure the module by going to Stores > Configuration > Hyperlocal System. Here admin has to enter the details required.
**Enable Hyperlocal System:** Yes / No, use to enable or disable the module.

**API Key:** This is the Google API Key
For Google API Key please visit [https://developers.google.com/maps/documentation/javascript/get-api-key](https://developers.google.com/maps/documentation/javascript/get-api-key)

**Popup Title:** This is the Heading for Pop-Location Window that appears for your Location.

**Filter Type:** There are 3 Type of Option that is available in Filter Type
- **DISTANCE:** In case of distance type filter it will take the vendor origin address to filter out the products available
- **Radius**: As per the customer Location detected it will show all the product as well as vendors that are located within the set Radius
- **Distance Type**: (Km / Miles) Set the unit if Radius Mentioned.
  - City, Country, and State: In this case, it will take customer address and vendor address to fetch out the product based on location.

  - **Filter Product By** (Vendor Location / Product Location ) If the admin has selected the option of “Vendor Location”, then if the Customer’s and Vendor Location is same it will display all the product of that vendor.
  - If the admin has chosen “Product location”, then the system will fetch out all the product whose location is set as same as customer location.

  - Zipcode: In this case, if the admin has used this setting, then the vendor can upload the list of Zipcode from a CSV file and then if the customer zip code matched with the product availability zipcode, those products will be delivered for him.

  - **Filter Product By** (Vendor Location / Product Location ) If the admin has selected the option of Vendor Location, then if the Customer and Vendor Location (PINCODE) is same it will display all the product of that vendor.
  - If the admin has chosen product location, then the system will fetch out all the product whose location (PINCODE) is set as same as customer location.

**ADMIN DEFAULT ADDRESS**
Here Admin enters his location so that if there is a product of admin that can also utilise the admin detail (If Required).

5. Manage Delivery Locations

On clicking Delivery Location, admin can view and manage all the added Shipping areas. Admin can add/edit or delete any ship area from here.

As per the configuration is done by admin on Filter Type for his Hyperlocal store, an admin needs to manage the delivery location. So he can navigate to Admin < Hyperlocal System < Delivery Locations

Now here Admin has the functionality to add the Location of Vendor so that for that location vendor can add his all deliverable Pincode (even admin can also add pin code on behalf of vendor)

When Admin clicks on Add Vendor Location then he selects the vendor and then selects the location, that location is added to vendor panel.
ADD VENDOR LOCATION

Select the location for Vendor, that location will be auto-assigned to the vendor and he can manage all the area Pincode for that city.

SELECT VENDOR TO ADD LOCATION

Select the location for Vendor, that location will be auto-assigned to the vendor and he can manage all the area Pincode for that city.
In vendor, Panel vendor can check that from **Vendor Dashboard < Delivery Location**

![Manage Delivery Locations](image)

Now clicking on **Manage Zipcode** form Action column Vendor can Manage all the Pincode of the related city in bulk via csv import export feature.

![Import Zipcode CSV](image)

6. **Vendor Setting Delivery Location**

**ADDING PRODUCT AND ASSIGNING THE DELIVERY LOCATION**

Now when the vendor Add the product to his catalog, he has the option to select the delivery location of the product, so whatever location vendor select for the product the product is delivered on that location only.
6.1. Vendor Setting as per Distance Based

ADMIN

When the admin has configured his website in such a way, that the vendor is allowed to deliver his product within the specific Kilometre / Miles distance, then he adds this to the setting (configuration) panel.

Admin using the **Filter Type** as Distance and mentioning the **Radius** Distance of delivery of his products.

Now Admin can manage all the delivery locations by adding the exact vendor locations.

VENDOR
At the time of creating an account, the vendor needs to provide his address and further whenever he wants he can edit that address. As per the Filter type “distance” mention by admin and Radius “distance”, to which the delivery can be done; therefore vendor distance is calculated from this point to the customers mentioned address.
After you fill the exact vendor location the rest of Latitude and Longitude field are filled automatically as by fetching the data from Google via Google API utilized. Now from this vendor location, his product delivery will be applicable for within the desired Distance.

6.2. Vendor Setting as per City Based

**ADMIN**

When the admin has configured his website in such a way, that the vendor is allowed to deliver his product within the specific City, Country /State, then he adds this to the setting (configuration) panel. Now he has to further provide the detail to filter product by (Product Location / Vendor Location).

If admin select Product Location then the vendor is allowed to add locations for each product.

**Vendor Location**

It will show the vendor products to all the customers, those who belong to the same location as of vendor.

**Product Location**

If Admin has selected Product Location as [Filter Product by] then it allows the vendors to add locations for each product individually.
Now even **Admin** as well as **Vendor**, both can create the location, which needs to be associated with the product each time when the vendor creates his product.

To create the locations for a specific vendor, an admin needs to navigate to **Admin < Hyperlocal System < Delhivery Locations < Add Vendor Location**, Now he need to select the vendor can add the location. (*Rest Detail i.e Lat / Long will be auto-filled by the Google API used*)

After selecting the vendor, move to [Actions] and there select [Add Location], that will allow you to add the location.

This Location stored for vendor will be reflected in vendor’s profile.
VENDOR

Now the Hyperlocal marketplace is configured on two bases from admin:

- Vendor Location
- Product Location

Vendor Location

Now when the admin has used the setting as vendor location for his hyperlocal marketplace, so here in this case vendor address act has his location which he has provided at the time of creating a vendor account. which can even be changes by vendor by editing his profile detail.

Vendor Login < Profile < User Profile

Product Location
Vendor can add multiple location as well as the admin added location for vendor can also seen here in vendor panel, to add and check the location allotted by admin, vendor can navigate to Vendor Panel < Delivery Location now to add more location vendor can click on [Add Location].

Now when the Vendor add the product he need to set the product location also, i.e. where this product can be made available, so that accordingly the customer can see the product when customer location and product delivery location matches.
Enable Product

Attribute Set

Product Name

SKU

Price

Tax Class

Quantity

Stock Status

Length

Width

Height

Weight

Categories

Visibility

et Product as New From

Country of Manufacture

Shipping Location

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Advanced Pricing

Taxable Goods

96

In Stock

Advanced Inventory

Hyperlocal

Demo

Category

Catalog, Search

Mahanagar, Lucknow, Uttar Pradesh, India
6.3. Vendor Setting as per Zipcode

ADMIN

When the admin has configured his website in such a way, that the vendor is allowed to deliver his product as per a specific zip code wise, then he adds this to the setting (configuration) panel. Now he has to further provide the detail to filter product by (Product Location / Vendor Location).

Note: If admin select Product Location as a FILTER PRODUCTS BY then the vendor is allowed to add locations for each product.

Vendor Location

It will show the vendor products to all the customers, those who belong to the same zip code area as of vendor.

Product Location

If Admin has selected Product Location as [Filter Product by] then it allows the vendors to add locations for each product individually.

Now the admin can add the delivery location for vendor. Vendor as well as Admin both can further manage the pin code by adding them in bulk via CSV file.
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ADMIN ADDING CSV VIA CLICKING ON MANAGE ZIPCODE

The zip-code file which is imported will be uploaded and the specific vendor will be delivering his product on the mention zip code only.

VENDOR

Now the based on zip-code setting Hyperlocal marketplace is configured on two bases from admin:

- Vendor Location
- Product Location

Vendor Location

Now when the admin has used the setting as “vendor location” for his hyperlocal marketplace, so here in this case vendor zipcode act has his location which he has provided at the time of creating a vendor account. which can even be changes by vendor by editing his profile detail.

Product Location

Vendor can add multiple zip-code from the option of Delivery Location in vendor panel, to add and check the location allotted by admin, vendor can navigate to Vendor Panel < Delivery Location now to add more zipcode via csv file.
After adding the zip code in the vendor delivery list all the vendors product are listed for the customer of those area.

7. Hyperlocal Webstore with customer Frontend panel

A hyperlocal website is Configured and completely setup after the complete setting done by admin as well as vendor wherever required. As Hyperlocal Solution is a Marketplace Solution so different vendor with there different location will signup them self as a seller and sell there product for a specific and desired location only.

Now Detecting the Customer Location

As per the Google, Location Based Service used in the solution, and the API provided by the admin at the configuration panel, customer location is auto-detected if not blocked from customer browser or will be required manually, so that the vendor and the product delivered by a vendor in that area display the customer, accordingly.

Note:
If the customer has not provided the location detail he will be able to see all the vendor and all the product available globally on the marketplace, but at the time of checkout when he put the address detail the condition of product delivery area will be validated at that time.

When the customer lands to the homepage on the top bar he has an option to put the pin code Manually. There is even an automatic popup window that appears where he adds his location (pin code/city)

AUTOMATIC POPUP TO ENTER LOCATION
If a customer wants to change the location further he can manage that by clicking on “Enter pin code” area where the current Pincode is displaying.